

Title (en)

CONTINUOUS CURED INNERLINER FOR TYRES

Title (de)

ENDLOSE VULKANISIERTE INNENBESCHICHTUNG FÜR REIFEN

Title (fr)

GOMME INTERIEURE CUITE CONTINUE POUR PNEUS

Publication

EP 1135249 A1 20010926 (EN)

Application

EP 99961791 A 19991124

Priority

- US 9927840 W 19991124
- US 18059498 D 19981125
- US 9825239 W 19981125

Abstract (en)

[origin: WO0030839A1] The present invention is directed toward an improved method of manufacturing a pneumatic tire using a bladderless curing system. The tire is built on an associated tire building drum (26) by the layering of multiple tire components on the drum (26); one of the components is an innerliner strip (28). In accordance with the disclosed invention, the innerliner strip (28) is formed with precured regions (32). The precured regions (32) are formed by curing the innerliner strip (28) at one or more regions intermediate of the ends (30) of the strip (28). The strip (28) is applied to the tire building drum (26) and the ends (30) are spliced to one another.

IPC 1-7

B29D 30/00

IPC 8 full level

B29D 30/00 (2006.01)

CPC (source: EP)

B29D 30/0005 (2013.01); **B29D 30/0681** (2013.01); **B29C 66/02** (2013.01); **B29D 2030/0682** (2013.01); **B29K 2105/243** (2013.01); **B29L 2030/008** (2013.01)

C-Set (source: EP)

B29C 66/02 + **B29C 65/00**

Citation (search report)

See references of WO 0030839A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

WO 0030839 A1 20000602; **WO 0030839 A8 20000824**; AU 1830100 A 20000613; BR 9915561 A 20010814; EP 1135249 A1 20010926; EP 1135249 B1 20030319

DOCDB simple family (application)

US 9927840 W 19991124; AU 1830100 A 19991124; BR 9915561 A 19991124; EP 99961791 A 19991124